

I Claim:

1. An electrooptical transmission module, comprising:

an electrooptical communication device;

a printed circuit board with a control module electrically driving said electrooptical communication device and having bores formed therein and regions around said bores;

a base part securing at least one of said electrooptical communication device and said printed circuit board; and

at least two guiding elements firmly connected to said base part and passing through said printed circuit board in said regions of said bores without any play.

2. The module according to claim 1, further comprising a substantially flat-formed contacting device having bores formed therein and regions about said bores, and being disposed parallel to said printed circuit board and configured to electrically connect said printed circuit board to a circuit board, said guiding elements passing through said contacting device in said region of said bores without any play.

3. The module according to claim 2, wherein the circuit board has a transmission module mounted thereon.
4. The module according to claim 2, wherein said contacting device is a contact board electrically connected to said printed circuit board and having a contact element on a first side, a second side being formed by pads of the circuit board.
5. The module according to claim 4, wherein said contacting device is mounted in a floating manner and in a direction perpendicular to said printed circuit board.
6. The module according to claim 1, wherein said two guiding elements are provided in a diagonal configuration relative to each other.
7. The module according to claim 1, further comprising a pressure-exerting device pressing said base part and said printed circuit board against one another in a direction perpendicular to said printed circuit board.
8. The module according to claim 7, wherein:

said base part has a bore; and

said pressure-exerting device is formed by a spring-actuated screwing element mounted in said bore of said base part and passes through said base part and said printed circuit board.

9. The module according to claim 6, further comprising two spring-actuated screwing elements disposed diagonally on said base part, said screwing elements and said guiding elements defining corners of a rectangle.

10. The module according to claim 8, further comprising two spring-actuated screwing elements disposed diagonally on said base part, said screwing elements and said guiding elements defining corners of a rectangle.

11. The module according to claim 1, wherein said guiding elements are guiding bolts pressed positionally exactly into said base part.

12. The module according to claim 1, wherein said base part is a heat sink.

13. The module according to claim 1, wherein said guiding elements protrude to allow said guiding elements to be inserted into assigned bores of a mounting board.

14. The module according to claim 1, wherein said guiding elements have an internal thread.
15. The module according to claim 1, further comprising a further module component fixed by said guiding elements relative to said base part.
16. The module according to claim 1, wherein said electrooptical communication device is a transmitter.
17. The module according to claim 1, wherein said electrooptical communication device is a receiver.
18. The module according to claim 1, wherein said electrooptical communication device is a transceiver.
19. The module according to claim 1, further comprising:
- a circuit board; and
- a substantially flat-formed contacting device having bores formed therein and regions about said bores, and being disposed parallel to said printed circuit board and electrically connecting said printed circuit board to said circuit board, said guiding elements passing through said

contacting device in said region of said bores without any play.

20. The module according to claim 19, further comprising a pressure-exerting device pressing said base part and said printed circuit board, and said contacting device, against one another in a direction perpendicular to said printed circuit board.

21. The module according to claim 20, wherein:

said base part has a bore; and

said pressure-exerting device is formed by a spring-actuated screwing element mounted in said bore of said base part and passes through said base part, said printed circuit board, and said contacting device.

22. The module according to claim 21, further comprising two spring-actuated screwing elements disposed diagonally on said base part, said screwing elements and said guiding elements defining corners of a rectangle.